

Bio-Research Institute, Incorporated
9 Commercial Avenue
Cambridge, Massachusetts 02141

An Expanded Study of Mouse Skin Exposure to Whole Fresh Smoke Compared to Skin Painting. Contract #4

This study involves exposure of the skin of 220CAF₁ mice to cigarette smoke jets emanating from a smoking machine, and to certain control conditions. Eight groups of mice are to be exposed three times a week to jet smoke alone, or with solvent or promoter chemicals added singly or together. Appropriate controls with the chemicals alone, or with skin carcinogens, are to be included. Completion of this experiment will include histopathological study of all the exposed skin areas. In addition, a pilot exposure experiment will be run with hairless mice. A positive control group will be investigated to determine the susceptibility of hairless mice to skin tumor induction.

Current Contract Level: \$60,000.

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